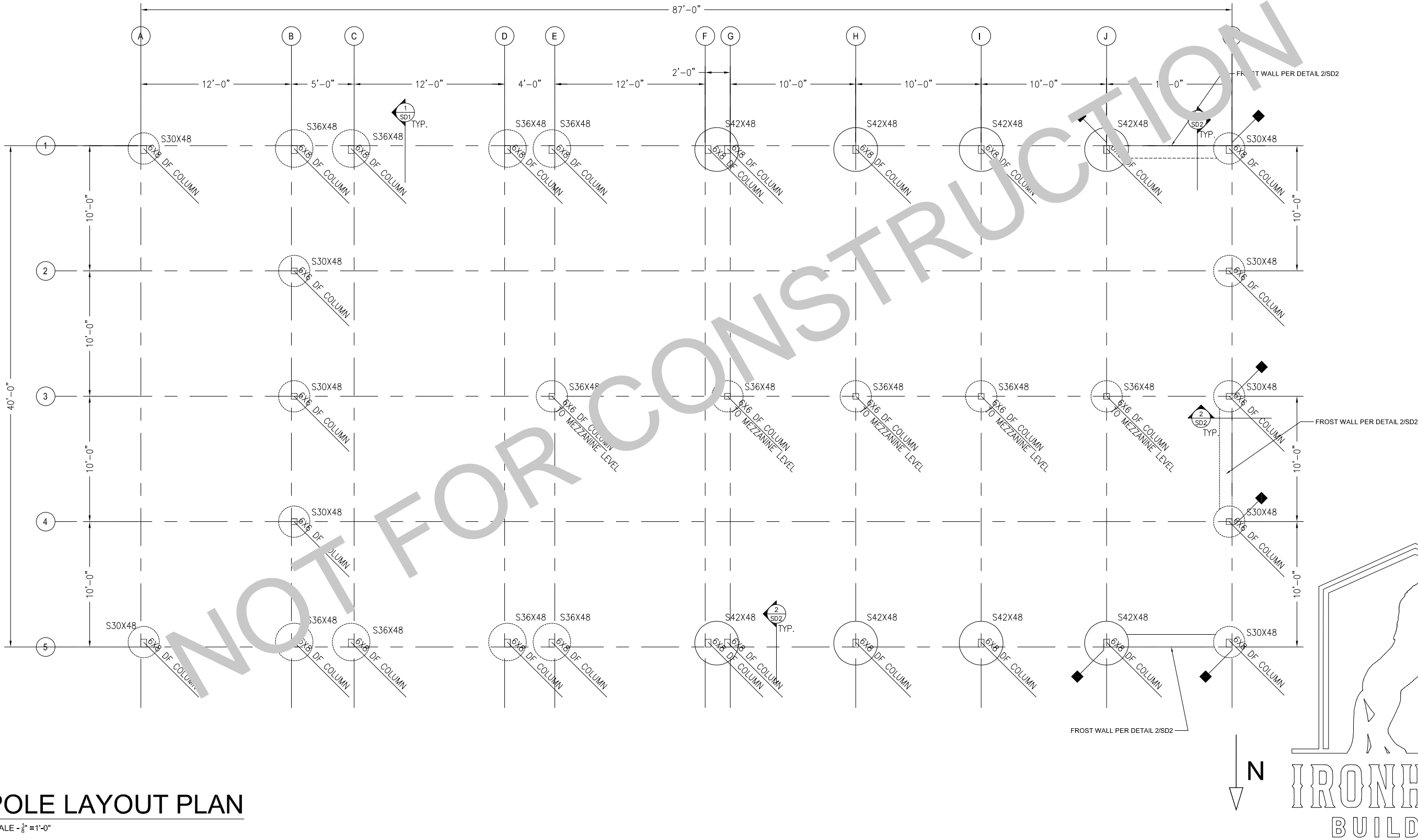


FOOTING AND FOUNDATION SCHEDULE
S30X48 = 30" DIAMETER X 48" DEEP CONCRETE PIER
S36X48 = 36" DIAMETER X 48" DEEP CONCRETE PIER
S42X48 = 42" DIAMETER X 48" DEEP CONCRETE PIER

HOLD-DOWN SCHEDULE				
MARK	HOLD-DOWN	FASTENERS	ANCHOR	POST
	CS16X48	(20) 10d	(FLOOR STRAP)	(2) 2X POST
	MST37	(42) 10d	(FLOOR STRAP)	(2) 2X POST
	MST48	(50) 10d	(FLOOR STRAP)	(2) 2X POST
	STHD10/RJ	(28) 10d	STRAP 10" EMBED	(2) 2X POST
	STHD14/RJ	(30) 10d	STRAP 14" EMBED	(2) 2X POST
1. NAILS SHALL BE COMMON NAILS. SHEAR WALL EDGE NAILING SHALL BE TO POST.				

DESIGN CRITERIA	
GOVERNING BUILDING CODE SEISMIC	IBC 2021
	SITE CLASS - D
	R = 1.5
	Ss = 0.757
	S1 = 0.26
WIND	Fa = 1.2
	Cs = 0.404
	SPEED = 115 MPH
	EXPOSURE CATEGORY = C
	GROUND SNOW = 67 PSF
ROOF LOADING	ROOF SNOW = 56 PSF
	ROOF DEAD = 7 PSF
	FLOOR DEAD = 10 PSF
FLOOR LOADING	FLOOR LIVE = 40 PSF
SOIL BEARING PRESSURE	
1500 PSF	

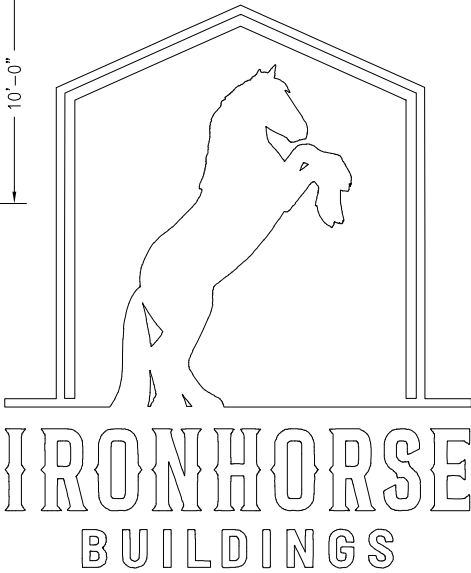


POLE LAYOUT PLAN
SCALE - 1/8" = 1'-0"

787 N 1200 W
OGDEN, UT 84404
(801) 923-3780



IRONHORSE BUILDINGS
FAULKNER POLE BUILDING
9292 KELLEY DR.
HUNTSVILLE, UT

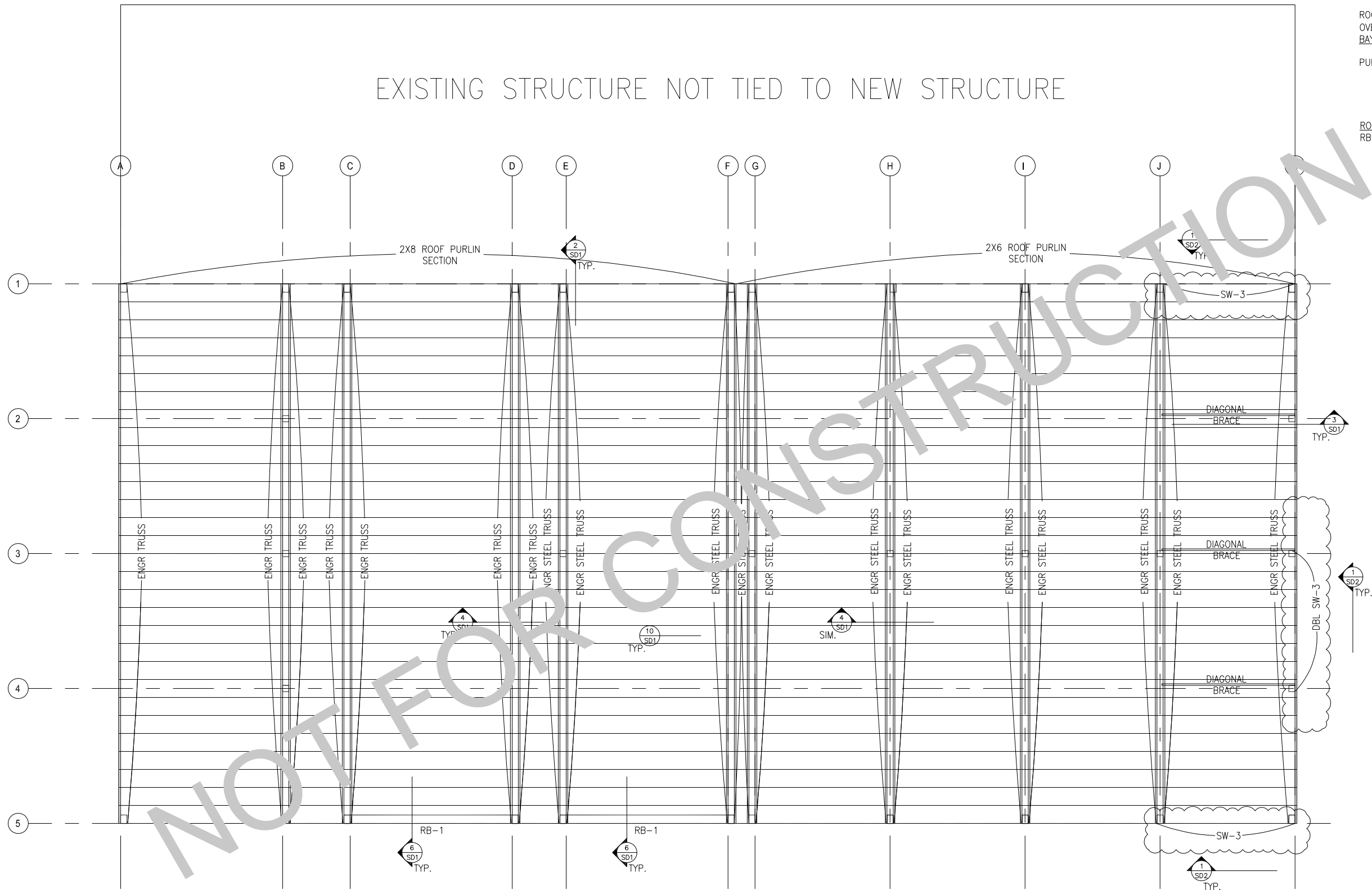


SHEET

S 1

ROOF FRAMING PLAN

SCALE - $\frac{1}{8}" = 1'-0"$



ROOF FRAMING NOTES:
ROOF PURLINS 2X8 DF-L#2 @ 16" O.C.
OVERLAPPING BY 10" MINIMUM.

PURLINS TO START 5" MAX FROM RIDGE

ROOF PURLINS 2X6 DF-L#2 @ 16" O.C.
OVERLAPPING BY 10" MINIMUM FOR 10'
BAYS ONLY

PURLINS TO START 5" MAX FROM RIDGE

ROOF BEAM SCHEDULE
RB-1 (1) 2x12 DF-L#2

SHEAR WALL SCHEDULE							
MARK	SHEETING	NAILING		ANCHOR BOLTS			
		SIZE	EDGE	FIELD	DIA.	LENGTH	O.C.
TYP.	$\frac{7}{16}"$	8d	6"	12"	$\frac{3}{4}"$	10"	32"
SW-1	$\frac{7}{16}"$	8d	4"	12"	$\frac{3}{4}"$	10"	32"
SW-2	$\frac{7}{16}"$	8d	3"	12"	$\frac{3}{4}"$	12"	24"
SW-3	$\frac{7}{16}"$	8d	2"	12"	$\frac{3}{4}"$	12"	24"

1. ALL EXTERIOR WALLS SHALL BE SHEETED WITH $\frac{1}{2}"$ APA RATED OSB SHEETING AND NAILED WITH TYP. NAILING SHOWN IN TABLE ABOVE. NOTE: 16 GA STAPLES @ HALF SPACING MAY BE USED IN LIEU OF 8d NAILS FOR TYP. AND SW-1 ONLY

2. SHEETING SHALL EXTEND CONTINUOUS FROM FLOOR SILL PLATE OF UPPER WALL AND BE NAILED PER REQUIRED SHEAR WALL EDGE NAILING ALONG SILL PLATE

3. NAILS SHALL BE PLACED NOT LESS THE $\frac{3}{4}"$ FROM EDGE OF PANEL AND DRIVEN SO THAT THE HEAD OR CROWN IS FLUSH WITH THE SURFACE OF SHEETING

4. ALL HORIZONTAL EDGES SHALL BE BLOCKED WITH 2" NOMINAL OR WIDER FRAMING. SW-2 AND SW-3 REQUIRE 3X OR (2) 2X STITCH NAILED TOGETHER W/ (2) 10D NAILS @ 6" O.C. AT ALL (VERT/HORZ) JOINING PANEL EDGES.

5. ALL EXTERIOR WALLS AND VERTICAL SURFACES AT STEPS IN ROOF ARE TO BE SHEETED.

6. NOTE: ANCHORAGE FOR DBL SHEAR WALLS TO BE INSTALLED AT HALF SPACING OF WHAT IS SHOWN IN TABLE ABOVE



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SHEET
S 2

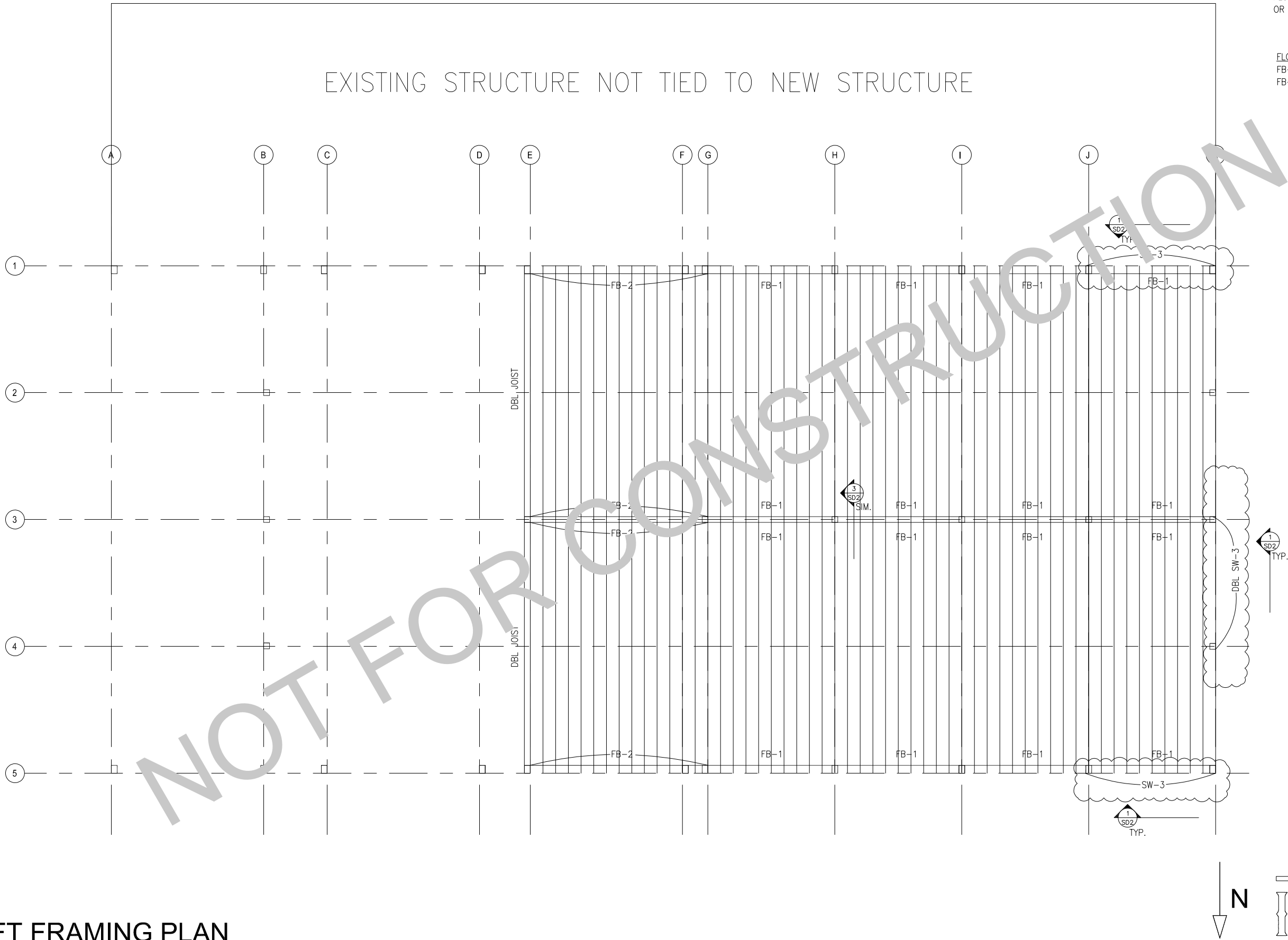
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LOFT FRAMING PLAN

SCALE - $\frac{1}{8}" = 1'-0"$



EXISTING STRUCTURE NOT TIED TO NEW STRUCTURE

FLOOR FRAMING NOTES:
FLOOR JOISTS 11 $\frac{7}{8}"$ TJI 210 @ 12" O.C.
OR 11 $\frac{7}{8}"$ TJI 360 @ 16" O.C.

FLOOR BEAM SCHEDULE
FB-1 (1) 1 $\frac{3}{4}"$ x 11 $\frac{7}{8}"$ LVL
FB-2 (1) 1 $\frac{3}{4}"$ x 14" LVL

SHEAR WALL SCHEDULE						
MARK	SHEETING	NAILING			ANCHOR BOLTS	
		SIZE	EDGE	FIELD	DIA.	LENGTH O.C.
TYP.	$\frac{7}{16}"$	8d	6"	12"	$\frac{3}{4}"$	10" 32"
SW-1	$\frac{7}{16}"$	8d	4"	12"	$\frac{3}{4}"$	10" 32"
SW-2	$\frac{7}{16}"$	8d	3"	12"	$\frac{3}{4}"$	12" 24"
SW-3	$\frac{7}{16}"$	8d	2"	12"	$\frac{3}{4}"$	12" 24"

1. ALL EXTERIOR WALLS SHALL BE SHEETED WITH $\frac{1}{2}"$ APA RATED OSB SHEETING AND NAILED WITH TYP. NAILING SHOWN IN TABLE ABOVE. NOTE: 16 GA STAPLES @ HALF SPACING MAY BE USED IN LIEU OF 8d NAILS FOR TYP. AND SW-1 ONLY

2. SHEETING SHALL EXTEND CONTINUOUS FROM FLOOR SILL PLATE OF UPPER WALL AND BE NAILED PER REQUIRED SHEAR WALL EDGE NAILING ALONG SILL PLATE

3. NAILS SHALL BE PLACED NOT LESS THE $\frac{3}{4}"$ FROM EDGE OF PANEL AND DRIVEN SO THAT THE HEAD OR CROWN IS FLUSH WITH THE SURFACE OF SHEETING

4. ALL HORIZONTAL EDGES SHALL BE BLOCKED WITH 2" NOMINAL OR WIDER FRAMING. SW-2 AND SW-3 REQUIRE 3X OR (2) 2X STITCH NAILED TOGETHER W/ (2) 10d NAILS @ 6" O.C. AT ALL (VERT/HORZ) JOINING PANEL EDGES.

5. ALL EXTERIOR WALLS AND VERTICAL SURFACES AT STEPS IN ROOF ARE TO BE SHEETED.

6. NOTE: ANCHORAGE FOR DBL SHEAR WALLS TO BE INSTALLED AT HALF SPACING OF WHAT IS SHOWN IN TABLE ABOVE



IRONHORSE BUILDINGS
FAULKNER POLE BUILDING
9292 KELLEY DR.
HUNTSVILLE, UT

SHEET

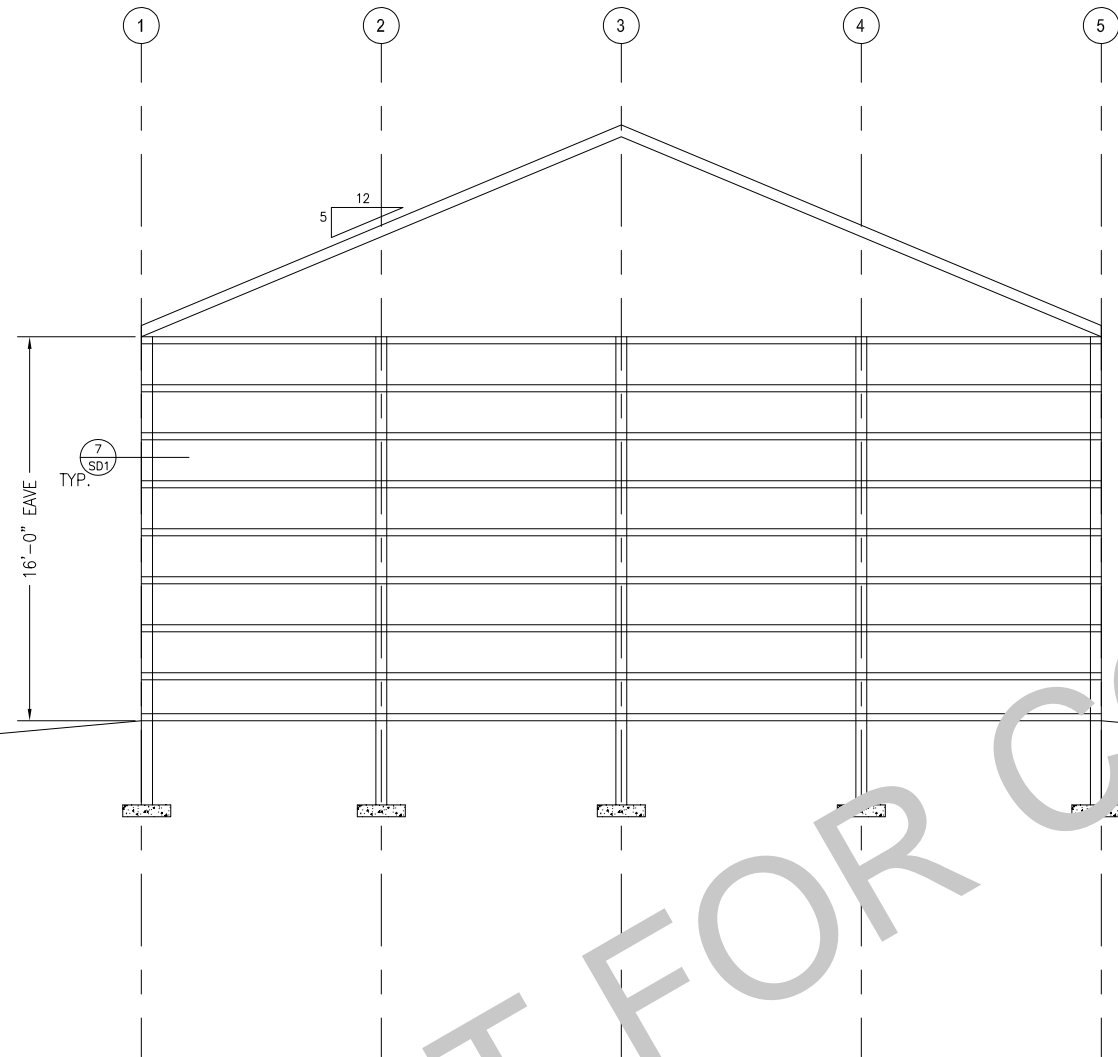
S 3



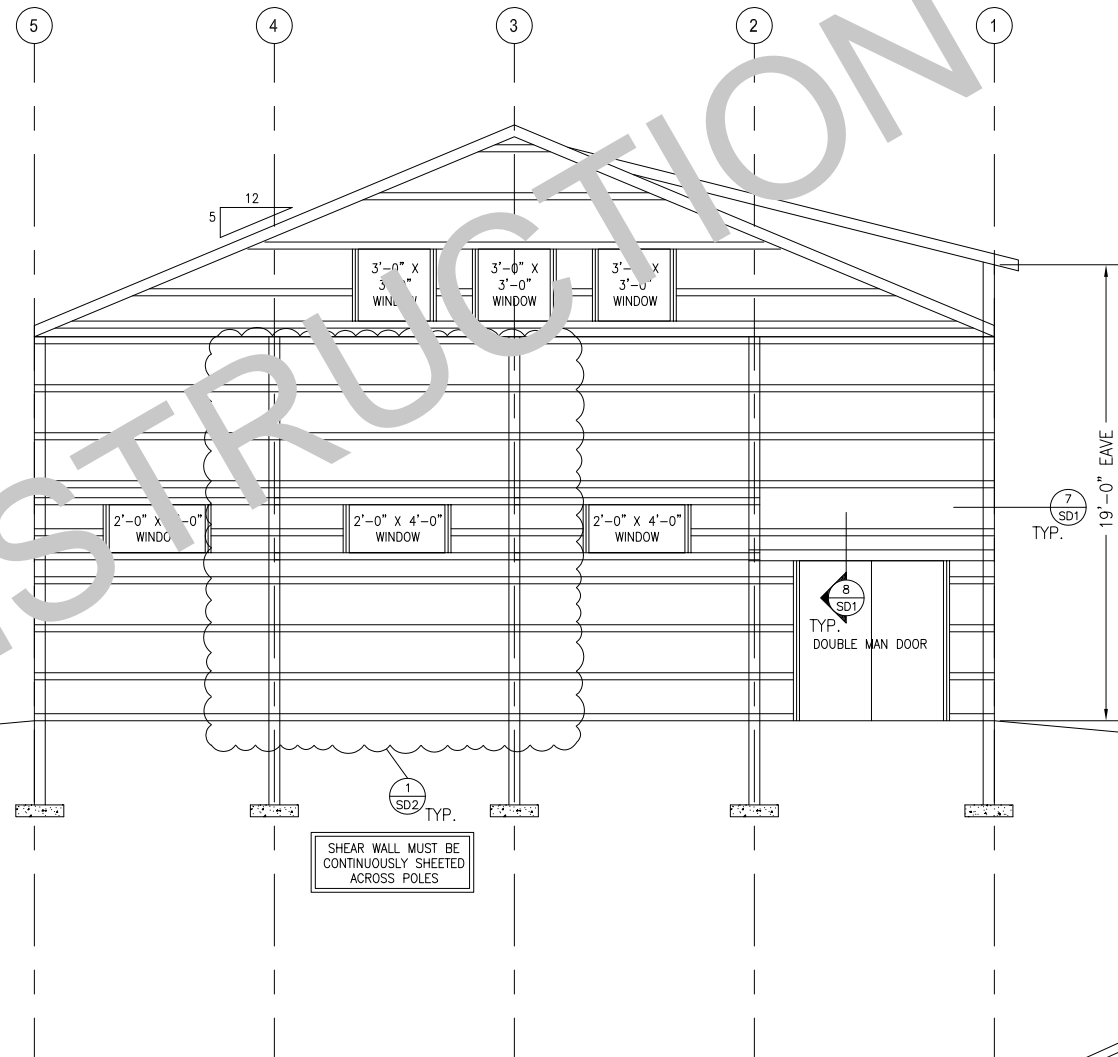
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WALL FRAMING NOTES:
WALL GIRTS 2X6 DF-L#2 @ 24" O.C.



SOUTH WALL



WEST WALL

END WALL ELEVATIONS

SCALE - $\frac{1}{8}$ " = 1'-0"



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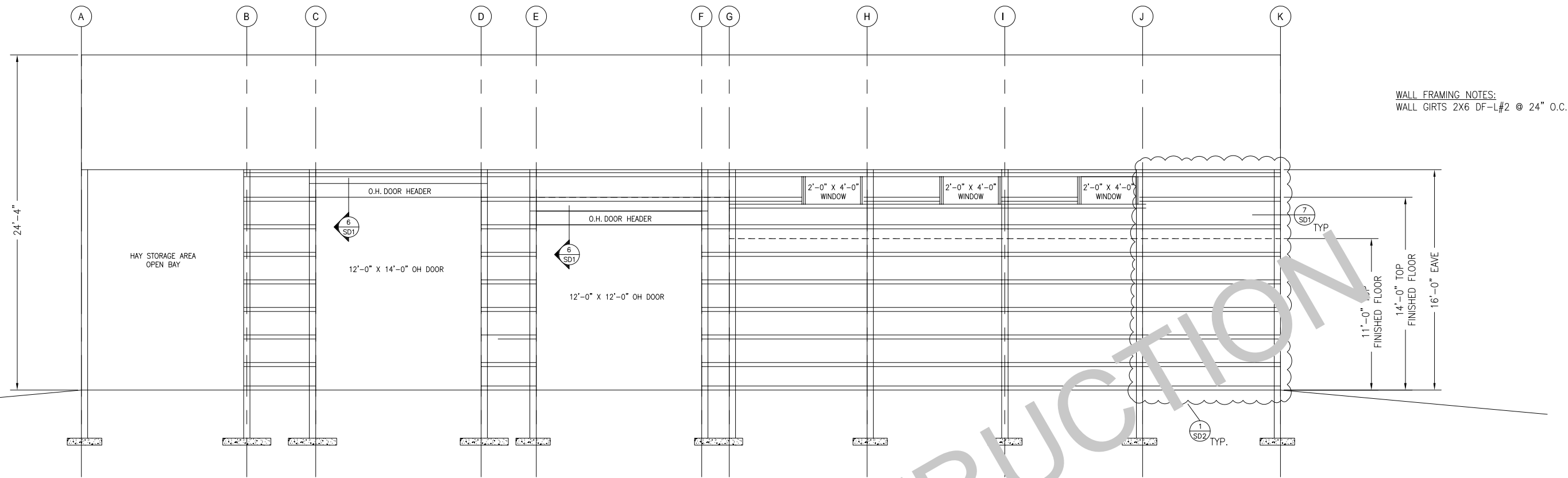


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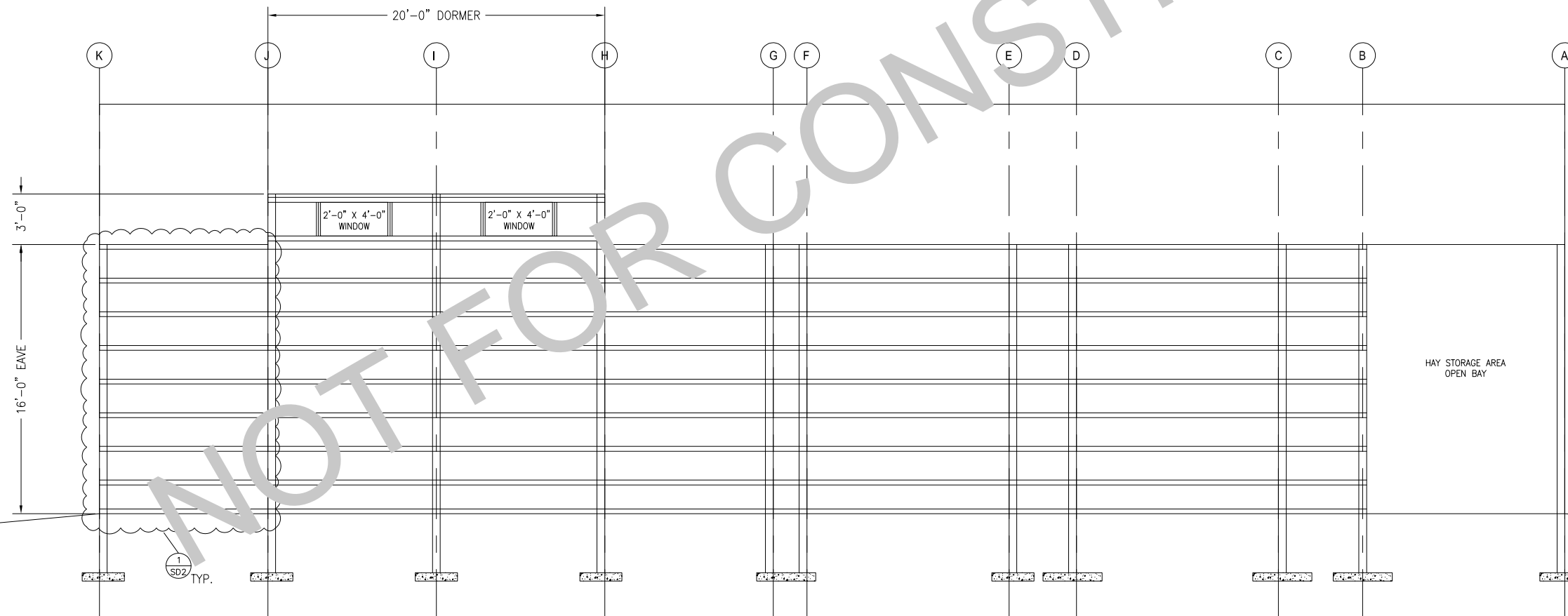
SHEET

S 4

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NORTH WALL



SOUTH WALL

SIDE WALL ELEVATION

SCALE - $\frac{1}{8}$ " = 1'-0"



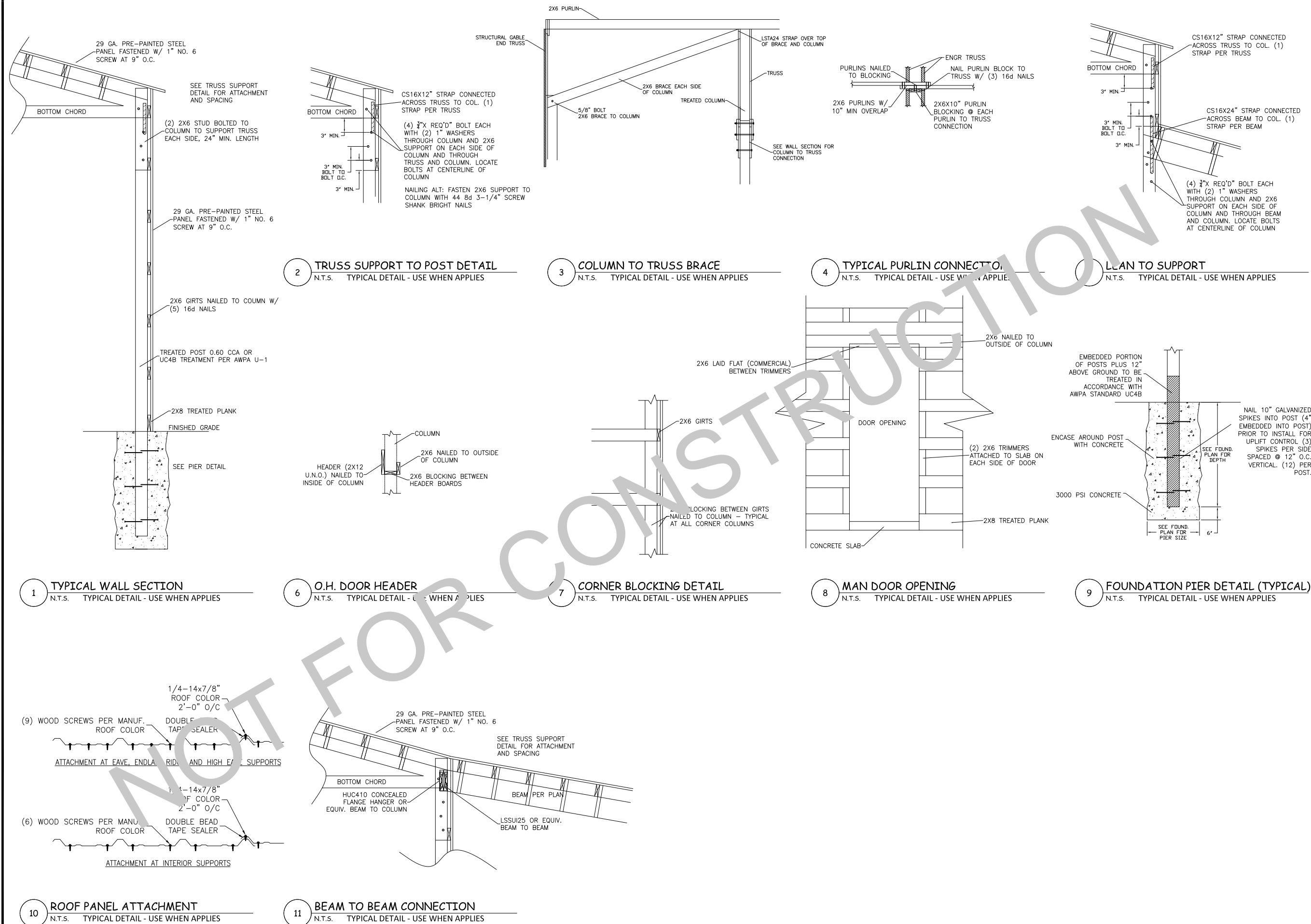
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SHEET

S 5

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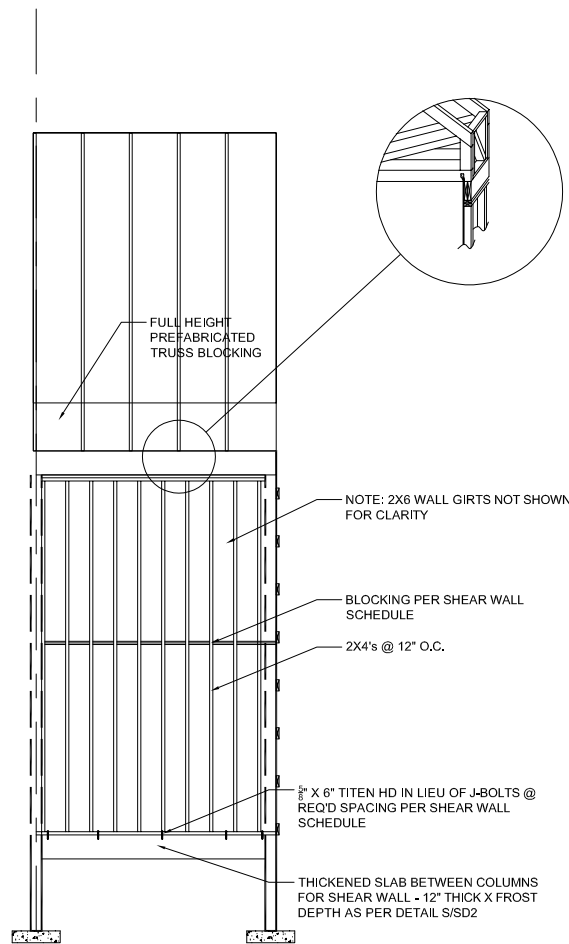
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(801) 923-3780



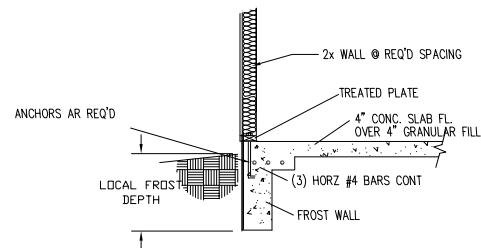
POLE BUILDING STANDARD DETAILS

SHEET

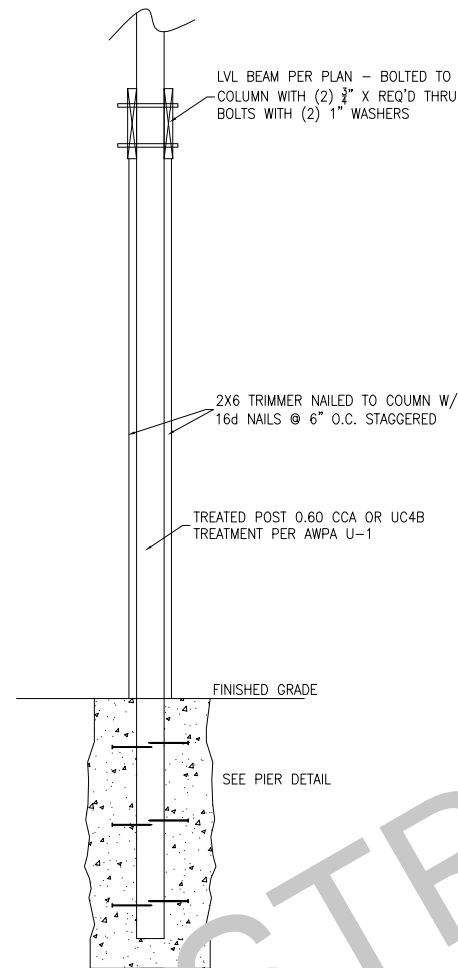
SD 1



1 SHEAR WALL
N.T.S. TYPICAL DETAIL - USE WHEN APPLIES



2 FROST WALL
N.T.S. TYPICAL DETAIL - USE WHEN APPLIES



3 MEZZANINE BEAM TO COLUMN
N.T.S. TYPICAL DETAIL - USE WHEN APPLIES

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POLE BUILDING DETAILS

SHEET

SD 2